

Claims

What is claimed as invention is:

1. A speaker cone comprising:
 - a hemp fiber in a concentration of at least 50%;
 - a quantity of non-hemp paper pulp; and
 - a quantity of binding material.
2. The speaker cone of claim 1 wherein said hemp fiber comprises Manila hemp.
3. The speaker cone of claim 2 wherein said hemp fiber is in a concentration of between 60% to 90%.
4. The speaker cone of claim 1 wherein said non-hemp paper pulp comprises eucalyptus pulp.
5. The speaker cone of claim 4 wherein said eucalyptus pulp is in a concentration of between 1% and 40%.
6. The speaker cone of claim 1 wherein said binding material comprises latex.
7. The speaker cone of claim 6 wherein said latex is in a concentration of between 1% to 10%.
8. The speaker cone of claim 1 further including a dye material.
9. The speaker cone of claim 1 further including a water proofing material.
10. The speaker cone of claim 1 further including a fungicide.
11. A speaker cone assembly comprising a paper-type cone positioned in a speaker frame, where the cone material is a composite of hemp fiber, non-hemp paper pulp, and binding material, and said hemp fiber is present at more than 50% of the final total dry weight of the composite.
12. The speaker cone assembly of claim 11 wherein said hemp fiber comprises Manila hemp.
13. The speaker cone assembly of claim 12 wherein said hemp fiber is in a concentration of between 60% to 90%.
14. The speaker cone assembly of claim 11 wherein said non-hemp paper pulp comprises eucalyptus pulp.
15. The speaker cone assembly of claim 14 wherein said eucalyptus pulp is in a

concentration of between 1% and 40%.

16. The speaker cone assembly of claim 11 wherein said binding material comprises latex.

17. The speaker cone assembly of claim 16 wherein said latex is in a concentration of between 1% to 10%.

18. The speaker cone assembly of claim 11 wherein said cone material further includes a dye material.

19. The speaker cone assembly of claim 11 wherein said cone material further includes a water proofing material.

20. The speaker cone assembly of claim 11 wherein said cone material further includes a fungicide.

21. A method for manufacturing an audio speaker, said method comprising the steps of:

providing a speaker cone comprising a hemp fiber in a concentration of at least 50%; and

positioning the speaker cone in a speaker frame.

22. The method for manufacturing an audio speaker of claim 22 wherein the step of providing a speaker cone comprising a hemp fiber further includes providing a quantity of non-hemp paper pulp in the speaker cone.

23. The method for manufacturing an audio speaker of claim 22 wherein the step of providing a speaker cone comprising a hemp fiber further includes providing a quantity of binding material in the speaker cone.

24. A method for reconing an audio speaker, said method comprising the steps of:

removing the speaker cone from an audio speaker frame;

providing a replacement speaker cone, said replacement speaker cone comprising a hemp fiber in a concentration of at least 50%; and

positioning the replacement speaker cone in the speaker frame.